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Scientific and Technical Information Center

Requester's Full Name: Dennis Pedger Examiner #: 61112 Date: 10/2/02
 Art Unit: 3612 Phone Number 301-2178 Serial Number: 10/037280
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Title of Invention: SLIDING VISOR

Inventors (please provide full names): ALAN JAY A. MURDOCK, EDWARD G. CURTINDALE, RYAN E. DILLINGHAM

Earliest Priority Filing Date: 4/4/1997

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

LITIGATION SEARCH

REISSUE 10/037280

PARENT PATENT: US 6,010,174

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Terms: **patno=6010174** ([Edit Search](#))


08837173 () 6010174 January 4, 2000

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT
6010174

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January 4, 2000

Sliding visor

REISSUE: January 4, 2002 - Reissue Application filed Ex. Gp.: 3651; Re. S.N. 10/037,280 April 23, 2002

INVENTOR: Murdock, Jay A., Southgate, MI; Curtindale, Edward G., Farmington Hills, MI; Dillingham, Ryan E., Waterford, MI

APPL-NO: 08837173 ()

FILED-DATE: April 14, 1997

GRANTED-DATE: January 4, 2000

ASSIGNEE-AT-ISSUE: Lear Automotive Dearborn, Inc., Southfield, MI

ASSIGNEE-AFTER-ISSUE: September 8, 1997 - ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS)., UNITED TECHNOLOGIES AUTOMOTIVE, INC. DEARBORN, MICHIGAN,, Reel and Frame Number: 008692/0958; March 16, 1998 - ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS)., UT AUTOMOTIVE DEARBORN, INC. DEARBORN, MICHIGAN,, Reel and Frame Number: 009041/0489; October 29, 1999 - CHANGE OF NAME (SEE DOCUMENT FOR DETAILS)., LEAR AUTOMOTIVE DEARBORN, INC. 21557 TELEGRAPH ROAD SOUTHFIELD, MICHIGAN 48034,, Reel and Frame Number: 010354/0917

LEGAL-REP: MacMillan, Sobanski & Todd, LLC

SEARCH-FLD: 296##974 , 296##978 , 296##9711

IPC-MAIN-CL: B 60J003#2

PRIM-EXMR: Pike, Andrew C.

REF-CITED:

[3403937](#), 1968, United States (US).
[4925233](#), 1990, United States (US)
[4982992](#), 1991, United States (US)
[5004288](#), 1991, United States (US)
[5044687](#), 1991, United States (US)
[5071186](#), 1991, United States (US)
[5409285](#), 1995, United States (US)

5538310, 1996, United States (US)
5645308, 1997, United States (US)
5653490, 1997, United States (US)
3324305, Germany (DE)

CORE TERMS: visor, torque, rod, longitudinally, track, sliding, bore, sidewall, leg, plastic ...

ENGLISH-ABST:

A sliding visor includes a rod assembly and a visor body. The rod assembly includes a rod, a torque control, and a guide. The rod extends longitudinally. The torque control pivotally attaches to the rod. The guide is fixed to one side of the torque control. The visor body includes a bore and a track. The bore extends longitudinally between the channel and the rear edge of the visor body. The rod is received within the bore and extends into the visor body. The track extends longitudinally along the upper surface of the visor body. The track forms a substantially enclosed longitudinally extending passage adjacent the upper surface of the visor body. The passage is shaped to receive a portion of the guide. When the visor is moved longitudinally along the rod, the track slides with respect to the guide.

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Terms: **patno=6010174** ([Edit Search](#))

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Segments: Abst, Appl-no, Assignee, Asst-exmr, Date, Exmr, Int-cl, Inventor, Legal-rep, Patno, Pct-pub-date, Prim-exmr, Ref-cited, Reissue, Search-fld, Title

Date/Time: Wednesday, October 2, 2002 - 12:16 PM EDT

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Patent Number :

US6010174 A 20000104 [US6010174]

Title :

(A) Sliding visor

Patent Assignee :

(A) LEAR AUTOMOTIVE DEARBORN INC (US)

Inventor(s) :

(A) MURDOCK JAY A (US); CURTINDALE EDWARD G (US); DILLINGHAM RYAN E (US)

Application Nbr :

US83717397 19970414 [1997US-0837173]

Priority Details :

US83717397 19970414 [1997US-0837173]

Intl Patent Class :

(A) B60J-003/02

EPO ECLA Class :

B60J-003/02B2

US Patent Class :

ORIGINAL (O) : 296097110

Document Type :

Corresponding document

Citations :

US3403937; US4925233; US4982992; US5004288; US5044687; US5071186;

US5409285; US5538310; US5645308; US5653490; DE3324305

Publication Stage :

(A) United States patent

Abstract :

A sliding visor includes a rod assembly and a visor body. The rod assembly includes a rod, a torque control, and a guide. The rod extends longitudinally. The torque control pivotally attaches to the rod. The guide is fixed to one side of the torque control. The visor body includes a bore and a track. The bore extends longitudinally between the channel and the rear edge of the visor body. The rod is received within the bore and extends into the visor body. The track extends longitudinally along the upper surface of the visor body. The track forms a substantially enclosed longitudinally extending passage adjacent the upper surface of the visor body. The passage is shaped to receive a portion of the guide. When the visor is moved longitudinally along the rod, the track slides with respect to the guide.

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Patent Number :

US 6010174 [US6010174]

Application Details :

US 837173/97 19970414 [1997US-0837173]

Document Type :

US-P

Action Taken :

19970414 US/AE-A

APPLICATION DATA (PATENT)

US 837173/97 19970414 [1997US-0837173]

20000104 US/A

PATENT

20020423 US/RF

REISSUE APPLICATION FILED

20020104

Update Code :

2002-18

1 / 1 CRXX - ©CLAIMS/RRX

Patent Number :

6,010,174 A 20000104 [US6010174]

Patent Assignee :

Lear Automotive Dearborn Inc

Actions :

20020104 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20020423

REISSUE REQUEST NUMBER: 10/037280

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3651

Reissue Patent Number:

1 / 1 PAST - ©Thomson Derwent

Accession Number :

200217-001783

Patent Number :

6010174 A [US6010174]

Official Gazette Date :

2002-04-23

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Patent Number :

US 6010174 A 20000104 [US6010174]

Title :

SLIDING VISOR

Inventor(s) :

MURDOCK JAY A [US]; CURTINDALE EDWARD G [US]; DILLINGHAM RYAN E [US]

Patent Assignee (Words) :

LEAR AUTOMOTIVE DEARBORN INC [US]

Application Details :

US 837173/97-A 19970414 [1997US-0837173]

Priority Details :

US 837173/97-A 19970414 [1997US-0837173]

Intl. Patent Class. :

B60J-003/02

1 / 1 LGST - ©LEGSTAT

Patent Number :

US 6010174 [US6010174]

Application Details :

US 837173/97 19970414 [1997US-0837173]

Document Type :

US-P

Action Taken :

19970414 US/AE-A

APPLICATION DATA (PATENT)

US 837173/97 19970414 [1997US-0837173]

20000104 US/A

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20020423 US/RF

REISSUE APPLICATION FILED

20020104

Update Code :

2002-18

1 / 1 CRXX - ©CLAIMS/RRX

Patent Number :

6,010,174 A 20000104 [US6010174]

Patent Assignee :

Lear Automotive Dearborn Inc

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20020104 REISSUE REQUESTED

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REISSUE REQUEST NUMBER: 10/037280

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